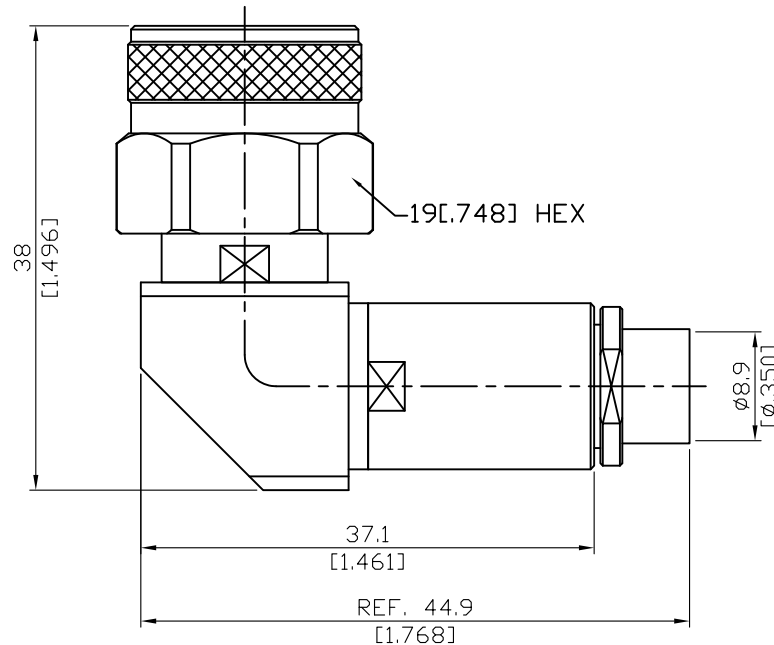


N32SHS-M5006

N Plug Solder Clamp Right Angle
For 5006, LL335; 18GHz VSWR 1.3

50Ω



Note:

1. Precision connector up to 18GHz.
2. Solder clamp design ensures a sturdy connector/cable connection.
3. Manufacturing low loss high frequency RF assemblies requires expertise.

Parts	Material	Plating (Micro-inch)
Coupling Nut	Stainless Steel	Passivated
Body	Stainless Steel	Passivated
Insulator	Teflon	
Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Gasket	Silicone	
Retainer Ring	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Solder Ferrule	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Clamp Nut	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50

Suitable Cables: 5006; LL335

This part number complies with RoHS.

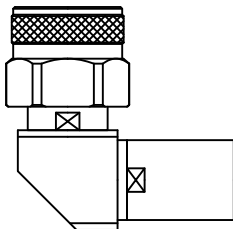
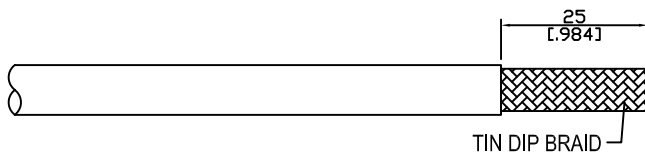
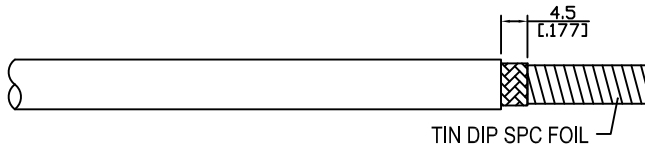
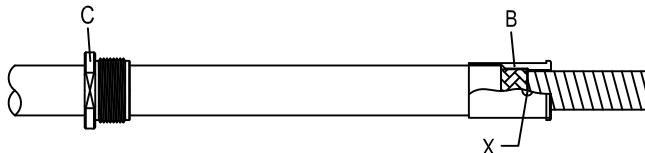
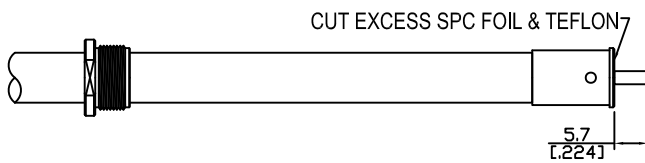
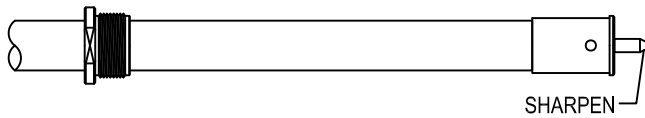
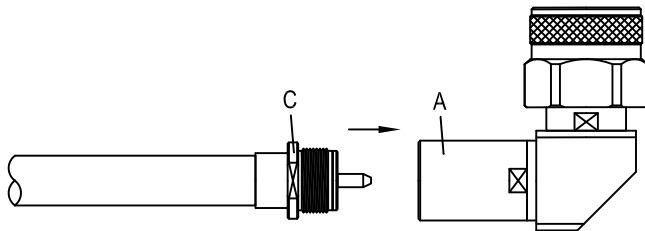
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

N	N32SHS-M5006
Interface MIL-STD-348B	
Electrical Data Impedance Frequency range VSWR Insertion loss Insulation resistance Contact resistance inner conductor Contact resistance outer conductor Dielectric withstanding voltage (at sea level) Working voltage (at sea level) 50Ω DC to 18GHz ≤ 1.3 (DC to 18GHz) $\leq 0.05 \times \sqrt{f(\text{GHz})}$ dB $\geq 5000\text{M}\Omega$ $\leq 1.5\text{m}\Omega$ $\leq 1\text{m}\Omega$ 2500 V rms 1000 V rms	
Mechanical Data Recommended coupling nut torque Coupling proof torque Coupling nut retention force Contact captivation-axial Durability (mating) 6 to 10 inch lbs 15 inch lbs ≥ 101.2 lbs ≥ 6.3 lbs ≥ 500	
Environmental Data Temperature range Thermal shock Moisture resistance Corrosion RoHS -65°C to +165°C MIL-STD-202, Method 107, Condition B MIL-STD-202, Method 106 MIL-STD-202, Method 101, Condition B Compliant	
Tooling	

Notice: JYEBAO reserves the right to make modifications deemed appropriate.

JYE BAO CO., LTD.

CABLE ASSEMBLY RECOMMENDATION

N32SHS-M5006		DATE	2020/06/01	REV	—
A  BODY B  SOLDER FERRULE C  CLAMP NUT					
DIAGRAM			ASSEMBLY INSTRUCTION		
 TIN DIP BRAID			Step 1: STRIP AS SHOWN AND TIN DIP SPC BRAID.		
 TIN DIP SPC FOIL			Step 2: STRIP AS SHOWN AND TIN DIP SPC FOIL.		
			Step 3: SLIDE NUT " C " AND SOLDER FERRULE " B " OVER THE CABLE. Step 4: SOLDER IN " X ".		
 CUT EXCESS SPC FOIL & TEFLON SHARPEN			Step 5: CUT AWAY ANY EXCESS SPC FOIL AND TEFLON STICKING OUT OF THE SOLDER FERRULE. Step 6: CUT CENTER CONDUCTOR TO LENGTH.		
			Step 7: SHARPEN CENTER CONDUCTOR TIP.		
			Step 8: FINALLY SCREW NUT " C " ON THE CONNECTOR BODY " A ".		
This part number complies with RoHS. Notice: JYEBAO reserves the right to make modifications deemed appropriate.					
APPROVED		CHECKED		DRAWING	
				Albert	